IN THE CLAIMS

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- (currently amended): [[A]] An intermediary semiconductor device, comprising:
- a semiconductor substrate having a surface formed with a first recessed region substantially filled with a first dicloctric material;
- a first dielectric material formed in the first recessed region;
- a second recessed region formed within the first dielectric material, wherein the second recessed region has walls, a lower surface, and [[an]] a first opening in proximity to the surface; and
- a semiconductor layer formed overlying the first dielectric material having a second opening at least partially over the first opening, wherein at least a portion of the semiconductor layer is configured to convert to a semiconductor oxide that covers the first opening while leaving a void in the second recessed region when the semiconductor substrate is exposed to an oxidizing environment. and adjoining the opening; and
- a thermal oxide layer formed intermixed with the semiconductor layer, wherein the thermal oxide layer-seals the opening in the second-recessed region while leaving a void-in the second recessed region.

Claims 2-4 (cancelled).

5. (previously presented): The semiconductor device of claim 1, wherein the semiconductor layer comprises polysilicon.

6. (original): The semiconductor device of claim 1, wherein the first dielectric material includes deposited silicon dioxide.

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- 7. (previously presented): The semiconductor device of claim 1, further comprising a layer of material formed overlying the walls of the second recessed region.
- 8. (previously presented): The semiconductor device of claim 1, wherein the first dielectric material is recessed below a major surface of the semiconductor substrate.
- 9. (previously presented): The semiconductor device of claim 8, wherein the first dielectric material is recessed below the major surface a distance of about 0.5 microns.
- 10. (currently amended): The semiconductor device of claim 7, wherein the layer of material <u>comprises</u> polycrystalline silicon.

Claim 11 (cancelled).

Claims 12-25 (cancelled).

- (currently amended): [[A]] An intermediary of a semiconductor device, comprising:
- a semiconductor substrate having a surface formed with a first recessed region;
- a first dielectric material deposited in the first recessed region and formed with a second recessed region having [[an]] a first opening and walls, and wherein-the first dielectric material substantially fills the first recessed region; and
- a semiconductor cap layer formed overlying the first dielectric material and having a second opening at least partially over the first opening, wherein at least a portion of the semiconductor cap layer is configured to convert to a semiconductor oxide that covers the first opening while leaving a void in the second recessed region when the semiconductor substrate is exposed to an oxidizing environment. adjoining edges of the opening; and
- a thermal oxide-layer merged with-the semiconductor cap layer to seal the opening.
- (previously presented): The semiconductor device of 27. claim 26, wherein the semiconductor cap layer comprises polysilicon.

Claim 28 (cancelled).

29. (currently amended): The semiconductor device of claim 26, wherein the first opening is wider than the second opening. further comprising an active device formed in an active region of the comiconductor substrate.

Claims 30-31 (cancelled).

- 32. (previously presented): The semiconductor device of claim 26, wherein the second recessed region is formed having a layer of material deposited on the walls.
- 33. (previously presented): The semiconductor device of claim 32, wherein the layer of material includes polycrystalline silicon.